

REMARKS

Claims 6-19 are pending in the application. Claims 6-10 and 12-15 have been amended.

Claims 6-12 and 14-19 stand rejected under 35 U.S.C. §112, first paragraph, as based on a disclosure that is not enabling. Applicant has included the formula of the oligomer in claim 6, as suggested by the Examiner, and respectfully requests that this rejection be withdrawn.

Claims 7-14 stand rejected under 35 U.S.C. §112, second paragraph, for failing to provide sufficient antecedent basis for “functionalized at C2” and “functionalized at C3”. The location of C2 and C3 is now clearly shown in the formula of the oligomer in claim 6, as suggested by the Examiner, and Applicant respectfully requests that this rejection be withdrawn.

Regarding Figure I of claim 6, support for linking the thiophene to the ethynyl groups at the 2 and 5 positions can be found on page 51 of the specification. Claim 6 has been amended to include subject matter of claim 7 before amendment. Claim 7 has been amended to add specific sub-positions from the disclosure as follows: R = methyl (support from schemes on pages 76-78), ethyl (support from p 41), butyl (support from schemes on pages 54-56), alkoxy (support from p 42), -CH₂-CH₂OH (support from schemes on p 81-82, p 83) and -CH₂-CH₂OTBDMS (*tert*-butyldimethylsilyl) (support from p 83). Other dependent claims have been amended solely for clarification.

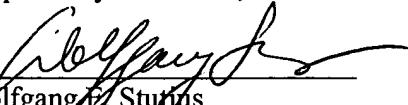
No prior art has been cited against the pending claims.

In view of the above amendment, applicant believes the pending application is in condition for allowance.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 18-1945, under Order No. YU-P07-002 from which the undersigned is authorized to draw.

Dated: October 27, 2004

Respectfully submitted,

By 
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